## TOP SECRET

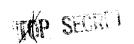
November 29, 1955

25X1	FOR DELIVERY BY HAND TO:	DOSUMENT NO. 35  NO SHALES SA SELES.  CLASS. 65 ALCO SEE TS S C NEXT REVIEW AND SEE TS S C NATH. HR 72-2  DATE: REVIEWER: 008632
	Subject: Cost and Schedule Proposal for S Aircraft.	Special High Altitude
	Reference A: Letter of 3 Nov. 1955 to C. L. J	Sohnson from 25X1
	Assistant Secretary of the Air Force, Trevor C	eardner, and 25X
25X1	and C. L. Johnson, of Lockheed, res	<b>-</b>
25X1	this contractor of aircraft identical and three two-place interceptor versions of the quested that Mr. Johnson make a personal visit certain details of the program and discuss the sfor the program.  2. On November 9th, a meeting was cuss the over-all contract requirements. This the configurations for the airplanes to be procu-	to Washington to discuss schedule and cost involved s held in the Pentagon to dis- meeting also further defined
•	recommended and decided that no interceptor versually be procured, at least not until after a highest between an existing model L-182 and a B-53 was requested to submit a price and delivery so craft:	craions of the model L-182 h altitude evaluation had been bomber. This contractor
	a. Twenty model L-182 aircraft being produced for another agency of the govern these aircraft will have the identical type of equelements, spare parts, etc., except that a later be installed, if available. Duplicate shop supples as provided in this quotation, as it is felt that it initial twenty aircraft will be sufficient for all a	iment. It is understood that aipment, ground handling remodel of the J57 engine will by and perishable tool kits are the original supply for the
	·	Selection of the Bound

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	c. Three aircraft of the same basic type, to be used for ARDC test work on various equipment items.		
······································	this contractor's understanding that the types of drawings used and systems followed in construction, engineering and inspection will be identical to those used for construction of the current group of aircraft being procured by the government. In order to meet a reasonable schedule and to free-up Lockheed experimental facilities, steps are being undertaken to construct the aircraft enumerated above in a Bakersfield, California, area, under the same conditions of security, however, as have been currently in effect at the Burbank facility. It is hoped that, when the above aircraft are to be delivered they can be flown directly away from Bakersfield, without the necessity for final assembly at some other air base, in the existing manner. Consequently, the attached cost data is based on this assumption.		
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· egger* :	5. During the meeting on November 9th, Mr. Johnson proposed that a study be made and a quotation prepared on a hydrogen-powered version of the aircraft. However, the results of the study are quite adverse, in that only a small amount of hydrogen can be carried internally in the aircraft. This amount (340 gallons of hydrogen) is equivalent to only 70 gallons of normal jet fuel (JP-6) in heat content and is, therefore, insufficient for safe flight. While drop tanks might be added, the volume problem looks almost insuperable. For this reason, unless the Air Force requests a more involved study, this proposal is rescinded by the contractor.		
	<ol> <li>Charges for engineering already done for the three interceptor versions are included in the attached quotation.</li> </ol>		
25X1 25X1	7. As regards a schedule for the basic aircraft, it is proposed that the first aircraft be available for delivery by September 1956 and that the twentieth airplane be delivered in July 1957. The remaining aircraft would require the rest of 1957 for completion.		
	8. It is understood that such work will be contracted for by amend ment of the existing contract for similar work. It is proposed that this be		



done, first, by a Letter Contract amendment as promptly as practicable. The proposed prices herein are tentative prices, contemplating that by approximately May 1956 a definitive amendment will be negotiated incorporating firm prices subject to redetermination in a manner similar to that applicable to the work under the existing contract.

9. The requested price and schedule data are attached.

	LOCKHEED AIRCRAFT CORPOR	la tion
<b>25</b> X41A		
	Executive Vice President	

